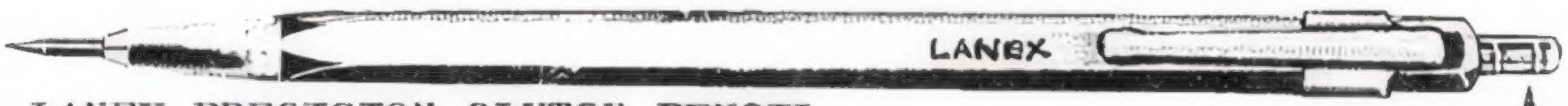
MODERN DRAWING EQUIPMENT

ESMOND

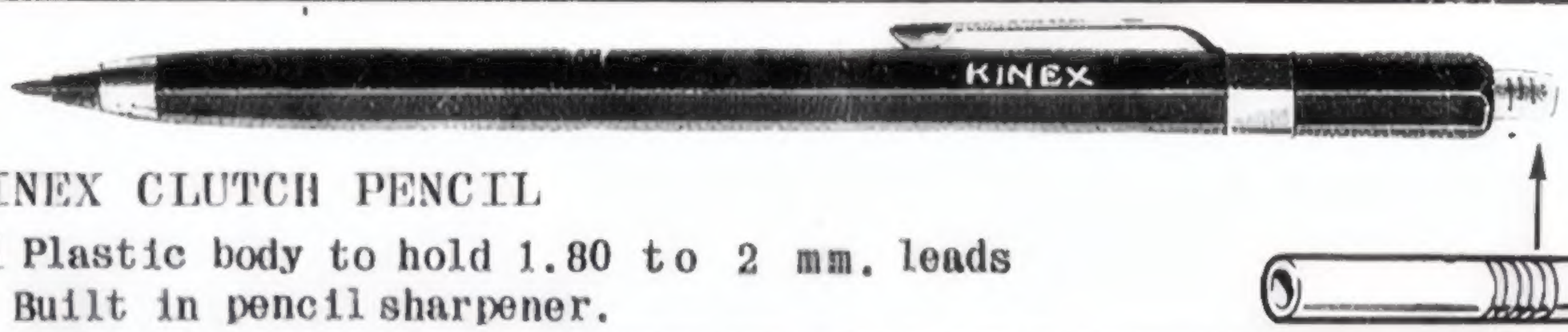
HELLERMAN

LIMITED



LANEX PRECISION CLUTCH PENCIL

L1 (foreign) For Draughtsmen and general use. Metal alloy barrel, precision clutch action built-in point sharpener, perfect balance. Supplied with pocket clip. Ends tipped different colours for easy identification of leads grades or colours. 1.80 leads. to 2 mm. leads.



KINEX CLUTCH PENCIL

K1 Plastic body to hold 1.80 to 2 mm. leads
Built in pencil sharpener.

HELLERMAN PRECISION CLUTCH PENCIL (foriegn)

No.4 Available in red, blue and black, with white built-in sharpener. 1.80 to 2mm. leads

REXEL PENCIL
No.54

1. Takes 4"x 1.80 mm. lead or 2 mm.
2. Uses refills to last 1/8th.
3. Built-in sharpener.
4. Rapid refilling.
5. Absolute rigidity of point.
6. Comfortable grip and balance.

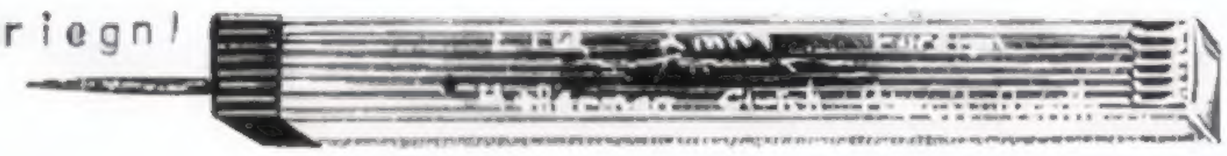
PROPELLING PENCIL

No.61 Features.

1. Takes 4"x 1.18 mm.(thin) refills. L2R. B and HB.
2. Propelling, repelling, expel action.
3. Instant clearance of obstructions.

CLUTCH PENCIL LEADS

LANEX STANDARD LEADS.


(foriegn)

L1R. 1.80-2 mm. leads, 4"long, 12 in plastic case. Grades 3B-6H.

L1RAC. as above, but assorted colours.

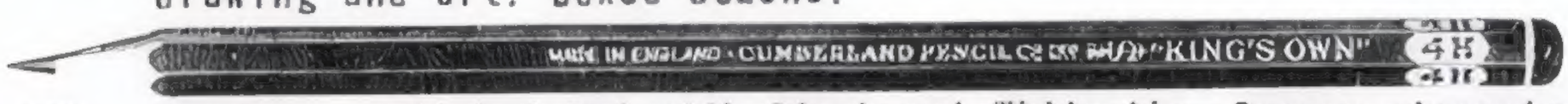
L1RC. Colours: Red, Blue, Green, Brown, Yellow or Magenta.

L4R. 2mm. leads 5" long (130 mm.) 12 leads in a plastic case with a slide top. Grades 2B to 6H.

Non Toxic. Perma-Bonded Leads

CUMBERLAND. 122 — Drawing pencil hexagon polished (stamped gilt). Banded dozens. Boxed ½ gross. 8B, B, HB, H, HH degrees.

SATEEN. 166 — Hexagon, Maroon and Blue finish. In 14 degrees, 6B to 6H (including HB and F). A medium price pencil of outstanding performance for technical drawing and art. Boxed dozens.



KINGS OWN. 155 — Hexagon, polished Red with Black and White tip. Degree stamped on all six sides. A top grade Drawing Pencil in 17 degrees from 6B to 9H (including HB and F). Boxed in tins of one dozen. Education pack Banded dozens

EDUCATOR. 177 — Extra strong lead which will not break in the wood. Specially designed for school use with the outside and the strip of non - toxic material. Grades 2B-2H. Banded 1 dozens.

GLASSLINE 278 — For writing on glass, acetate or any shiny surface. Colours - Red, Blue, Green, Yellow, Brown, Black, White. Banded dozens.

LAKELAND COLOURED PENCILS.

Cumberland Lakeland coloured pencils are made from fine quality cedar wood The leads are highly compressed giving a long life, and high tensile strength necessary. Pencils polished in colour to match lead. Neatly pointed, ready for use and attractively boxed.

LAKELAND NON-TOXIC PENCILS have been awarded the certificate of the Royal Institute of Public Health and Hygiene and are perfectly safe for children to use.

No.25....12 Full Length Pencils
No.26.... 6 Full Length Pencils
No.27 ...12 Half Length Pencils
No.28.... 6 Half Length Pencils
No.29....24 Half Length Pencils
No.30....24 Full Length Pencils

LAKELAND COLORSTIKS.

279 — Solid sticks of Lakeland colour (square section) approx.3 ins.long. 12 Colorstiks in a metal box, in the standard Lakeland assortment or all of one colour.

Supreme Pencil of our age Toison do'r 1900 Foreign

These pencils are made by one of the oldest manufacturers on the market today. Hexagon polished and made in 21 degrees 10H to 8B they are stamped with the degree on all six facets. Boxed in 1 dozens in transparent plastic box.

Venus Drawing Pencils 3810

Drawing Pencil. Hexagonal section, best quality. Polished mottled green. 17 degrees 9H to 6B.

Venus Velvet Pencils 880

Pressure proofed Drawing Pencil. Hexagonal section. Long lasting. Smooth writing. 10 degrees 4H to 4B.

Turquoise Drawing Pencils

'Chemi-Sealed' Super-bonded with 100% 'Electronic Graphite'

Grading Turqoise pencils are available in 17 grades - from 9H to 6B reliably and uniformly graded and thoroughly checked.

Mirado.

Mirado Super-bonded Chemi-sealed Pencils

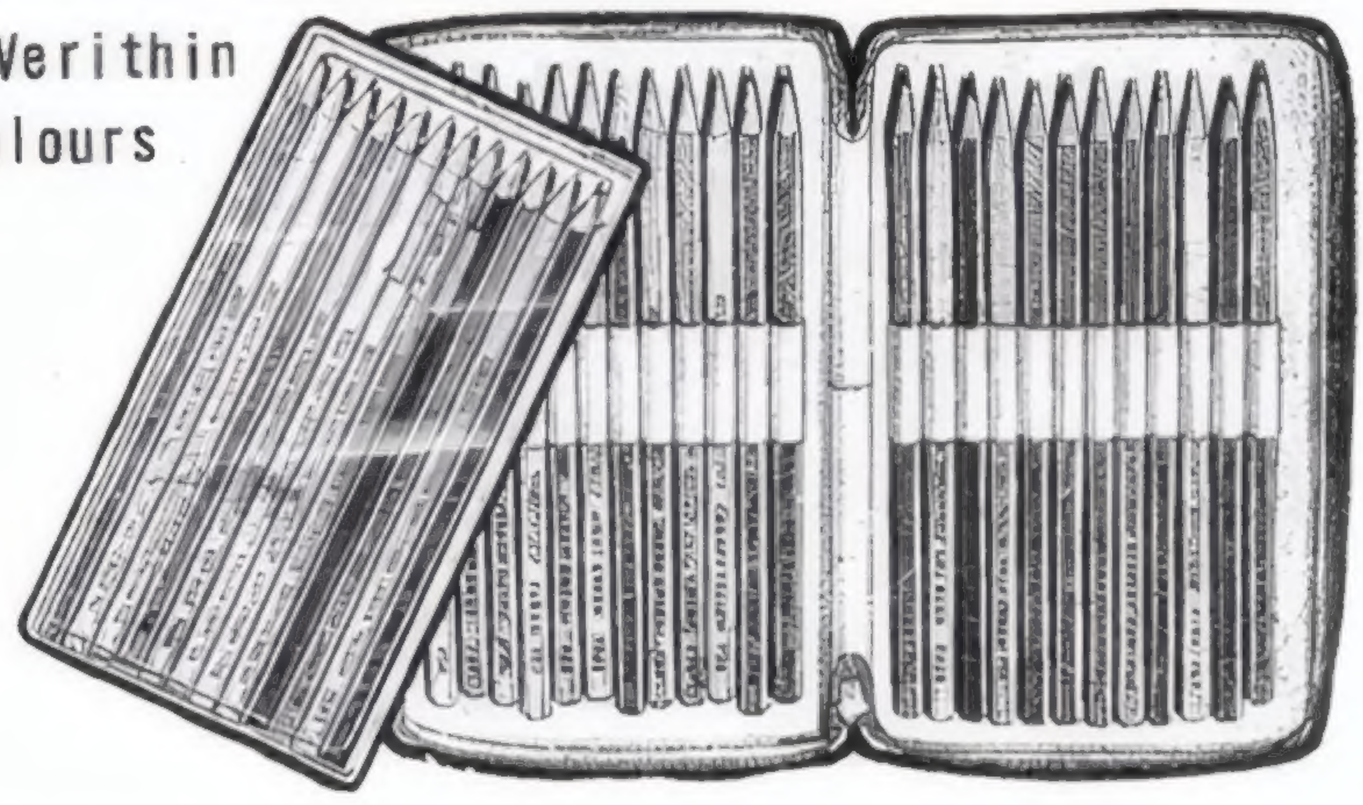
Degrees 4B to 4H

247 Graduate chemi-sealed (Education only) Hexagon 2B-2H

Coloured Pencils Eagle Verithin

26 Rich and Varied Colours

734	White
734½	Lt. Grey
735	Canary Yellow
735½	Lemon Yellow
736	Yellow Ochre
737	Orange
738	Grass Green
738½	Light Green
739	Green
740	Ultramarine
740½	Sky Blue
741	Indigo Blue
742	Violet
743	Pink
744	Scarlet
745	Carmine
745½	Terra Cotta
746	Sienna Brown
747	Black
750	Vermillion



732 Plastic zip case containing 24 pencils assorted colours.

797 Transparent plastic box of 12 assorted colours

751	True Green	756	Dk. Brown.
752	Purple	757	Flesh
755	Golden Brown	759	Magenta

The Fedra Constructor Flat Lead Pencil (Imported)

No.3

Enlarged view of the "CONSTRUCTOR" extended guide edge.

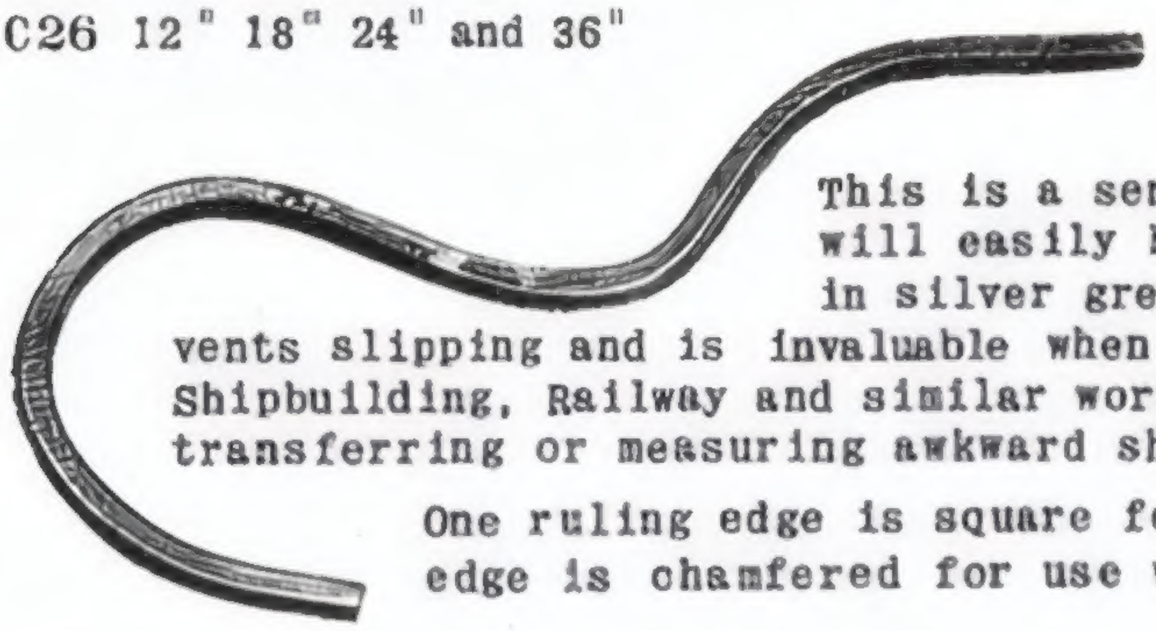
NEVER NEEDS SHARPENING! Extended guide edge for straight edges and triangles assures extremely accurate work at high speed...represents a new concept in drawing pencils...sharp uniform lines can be drawn with even density flat ribbon lead inserts are only .016 thick and .047 wide and can be used to last fraction of an inch. Excellent for block printing, drafting graphs, charts, plans, accurate pencil work. Made of finest hard rubber for lightness and durability...tops are stamped and various coloured rings are supplied for instant selection of different grades of lead hardness... form fitting knurled shaft makes for easy handling.

Especially designed for graphs, charts, plans, drafting. Assures clean hands, clean work.

3R Smoother, longer lasting. Flat Ribbon lead inserts: 1 doz. leads per tube grades 4B to 8H including F. State hardness when ordering.

The Flexicurve

C26 12" 18" 24" and 36"



Supplied in cardboard tube. A Flexible Curve that will stay put as you bend it.

This is a sensibly shaped controlled curve which will easily bend down to a 1"radius. It is made in silver grey washable plastic and its shape prevents slipping and is invaluable when drawing awkward curves for Aircraft, Shipbuilding, Railway and similar work it is also most useful when transferring or measuring awkward shapes.

One ruling edge is square for use with pencil, the other ruling edge is chamfered for use with ink pen, an ideal combination.

The bevel permits good visibility - the base is shaped to prevent slipping.

The Centex Curve

C27 12", 18", 24", 36"

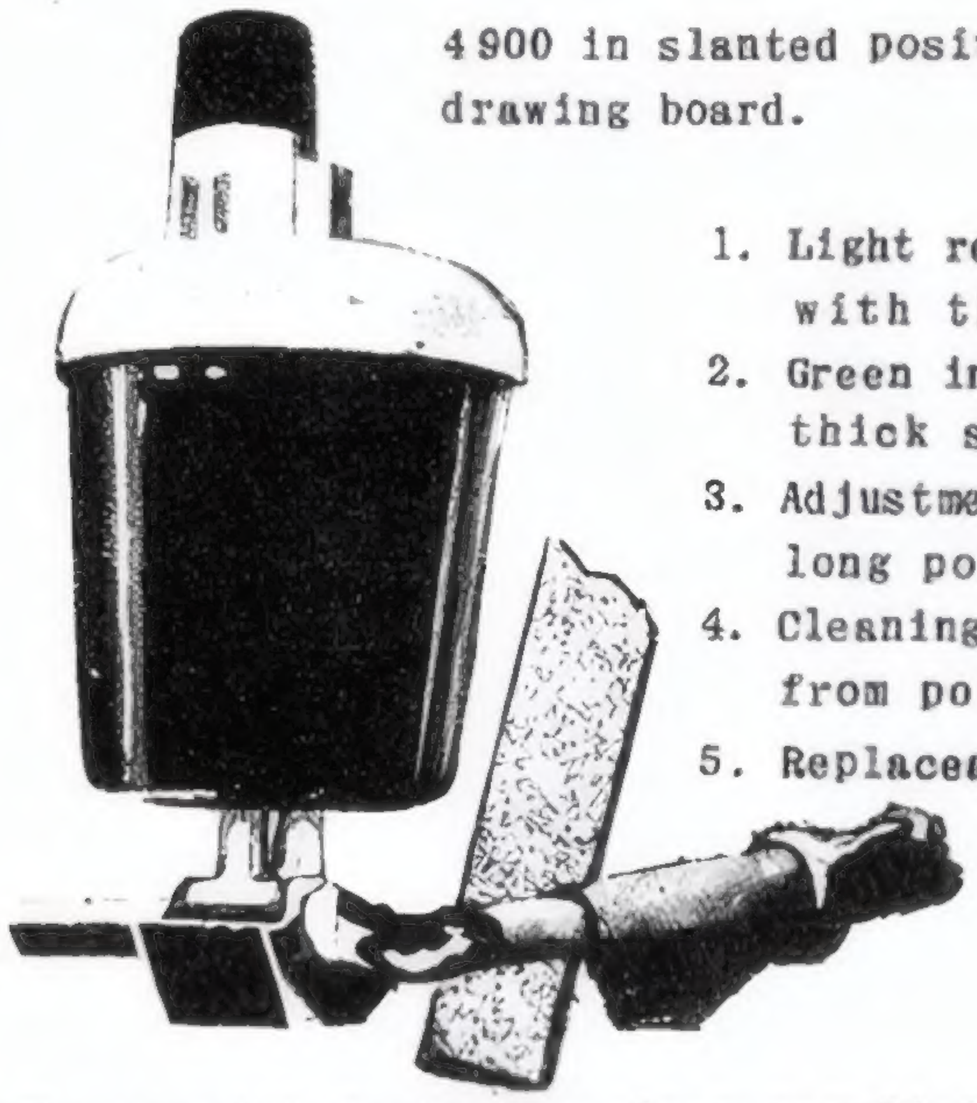
The Curve consists of a square section lead bar which slides between two thin steel spring strips, encased in a dark green plastic extrusion. It can be set to a radius of 1 inch without recuperation.

One side carries a circular bead as an ink ruling edge and this is set as close as possible to the base to avoid parallax. The base itself is slightly concave to give grip on slippery materials such as tracing cloth.

The material does not attract dust by the generation of static and may be wiped clean with a damp cloth.

4900 for the drawing board

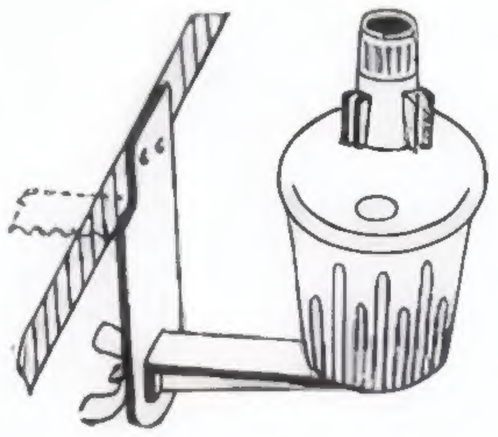
ALL FOR CLUTCH PENCILS.



4900 in slanted position on drawing board.

WITH FIXED, DURABLE GRINDER OF SPECIAL STEEL.

1. Light red insert for pencils with thin shaft.
2. Green insert for pencils with thick shaft.
3. Adjustment slot for short and long points.
4. Cleaning filter to remove dust from point.
5. Replaceable grinders available



✲ The special fastening clamp supplied for the Fedra 4900 has a support with three plains by which the pointer can be fixed in any position required on a slanting board.

✲ With replacable cleaning filter which can be substituted by an ordinary cigarette filter, if necessary.

4900B

Special clamp for stationary use fixed by two screws into the side of the drawing board.

✲ For freehand operation on slanting drawing board or even drawing table.

✲ For short and long lead point for writing and drawing.

✲ With automatic stop of sharpening to prevent over-pointing by mistake and to restrict the wear to a necessary minimum.

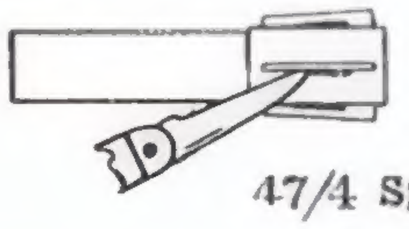
4800 POCKET MODEL

With alloy case, upper part oxydated in black, red, blue green, gold or copper.

Fedra is the ideal pocket Lead Pointer. Practical design and dependable construction assure years of continuous service. The strong dural material has polished finish. 4800 incorporates a special drop-out core for quick and easy replacement of blades. Four knife-edged tempered steel blades are interlocked and set to guarantee a true lead point at all times. Removeable receptacle at bottom catches lead particles for neat, easy disposal. An economical and practical lead pointer for everyone in the home, office, shop, or school.

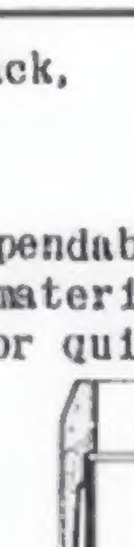
4811

Leather case, empty for pocket-size pointer



Rubber diaphragm holds graphite dust in. Keeps hands and pockets clean.

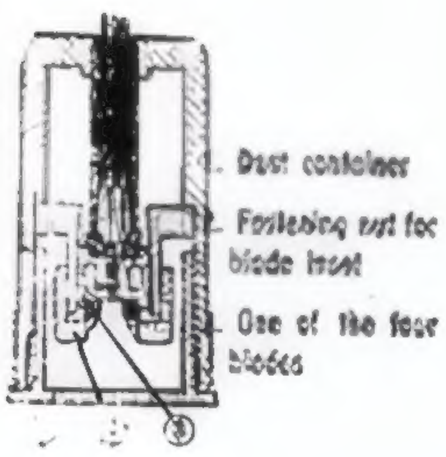
47/4 Spare Blades in sets of four.



4700 for the drawing table

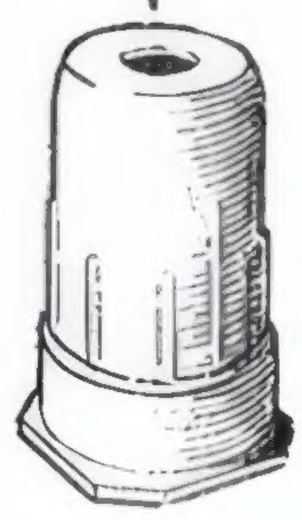
THE IDEAL PRECISION LEAD POINTER

Easy to operate - assures perfect lead points - retains graphic dust - keeps your Lead Holder handy at all times. Can be used for most standard Lead Holders. Four knife edge blades guarantee a true point. Fool proof construction, designed and assembled for years of continuous service. A practical instrument for every purpose where a pencil is used. A few simple turns and you have your desired point.



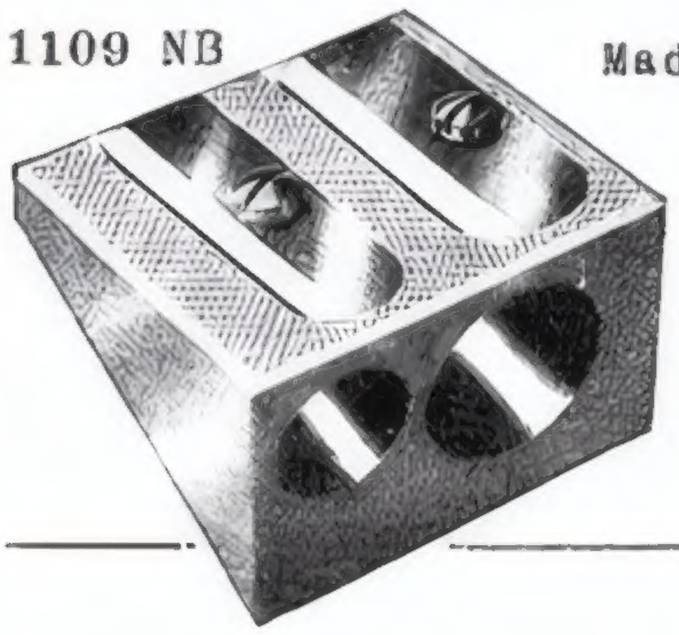
Plastic case, round, black with removeable dust container,

Spare blades available as above 47/4



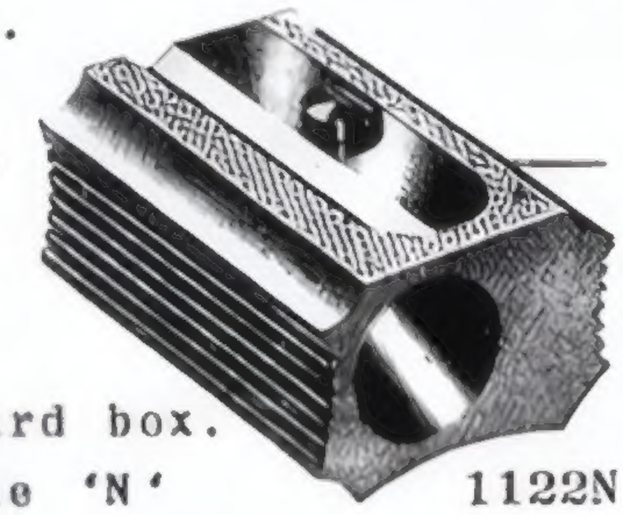
DUX PRECISION SHARPENERS (Foreign)

1109 NB



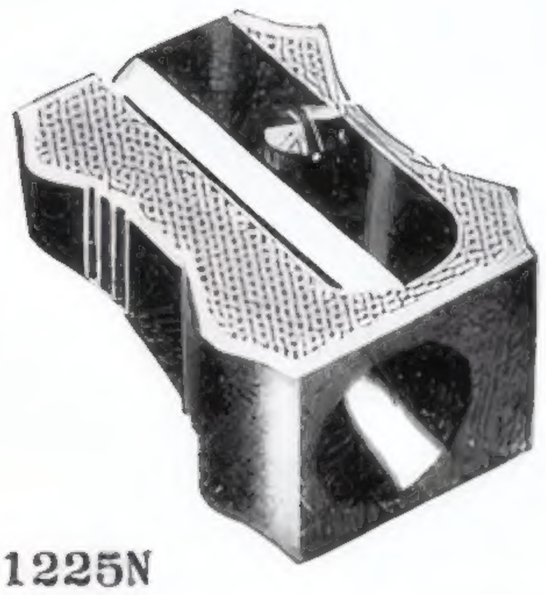
Made of lightweight white metal.

Dual sharpener for regular lead pencils and thick coloured crayons.1 dozen in a display-box. Use replacement blade 'N' for regular lead pencils, replacement blade 'B' for thick crayons.



Made of lightweight white metal.
1 dozen in a cardboard box.
Use replacement blade 'N'

1122N

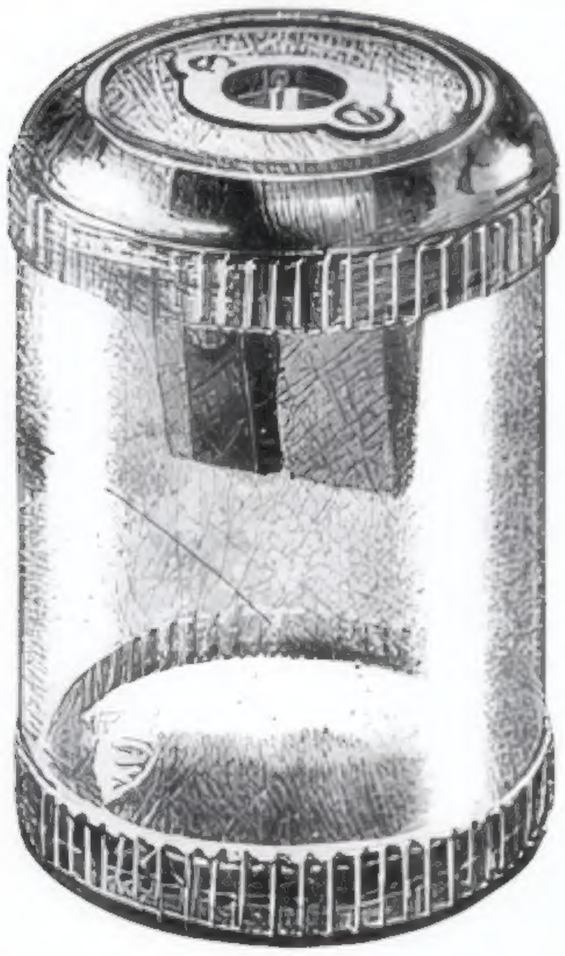


1225N

Made of lightweight white metal.
1 dozen in a cardboard box.
Use replacement blade 'N'

1129NB

Made of lightweight white metal.
Dual sharpener for regular lead pencils and thick coloured crayons. 1 dozen in a display-box. Use replacement blade 'N' for regular lead pencils, replacement blade 'B' for thick crayons.



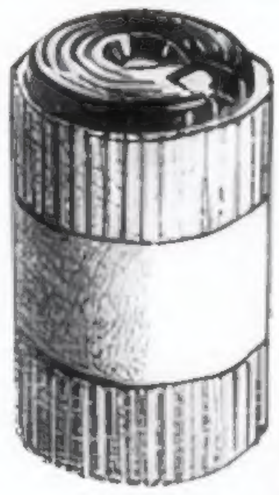
3107N

With spillproof receptacle for shavings and screw cap made of plastic material in assorted colours. Sharpening unit of lightweight white metal. 1 dozen in a colourful display box.

3307N

Same shape and finish as DUX 3107N but with transparent plastic receptacle and cap as illustrated.

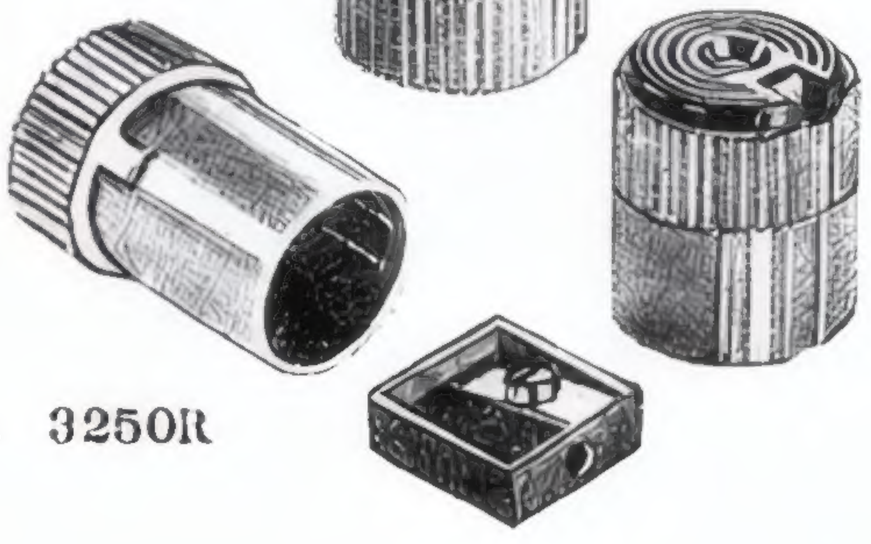
3250E DUX LEAD POINTER



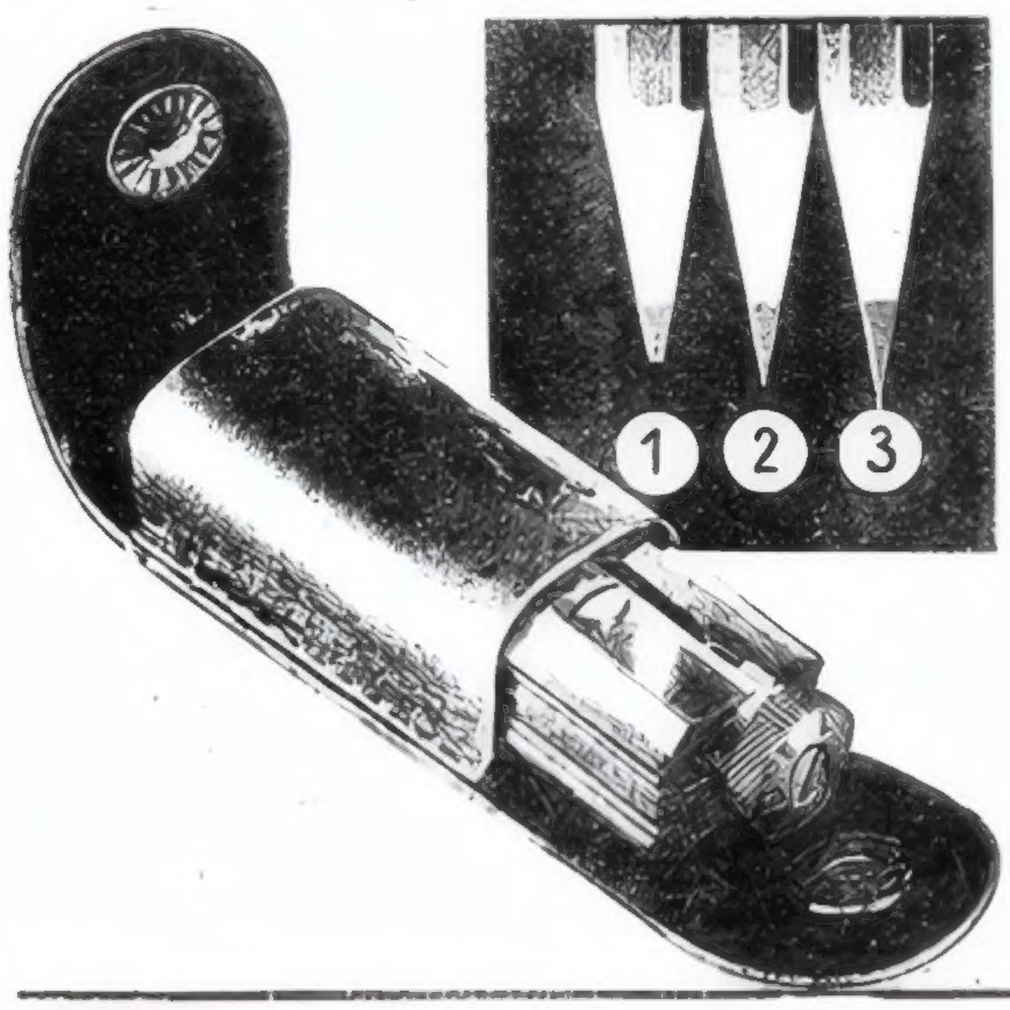
Specially designed for clutch action pencils this lead pointer has a high duty steel blade for sharpening extra hard leads.

Dustproof plastic container.

Supplied in display boxes of 1 doz.



Refill cutting units are available. 3250R



VARIABLE 4422L

Made of brass with adjustment for variable points. Short, blunt point for coloured crayon type pencils; medium point for general use; long sharp point for drafting pencils. Oversize for especially slender points.

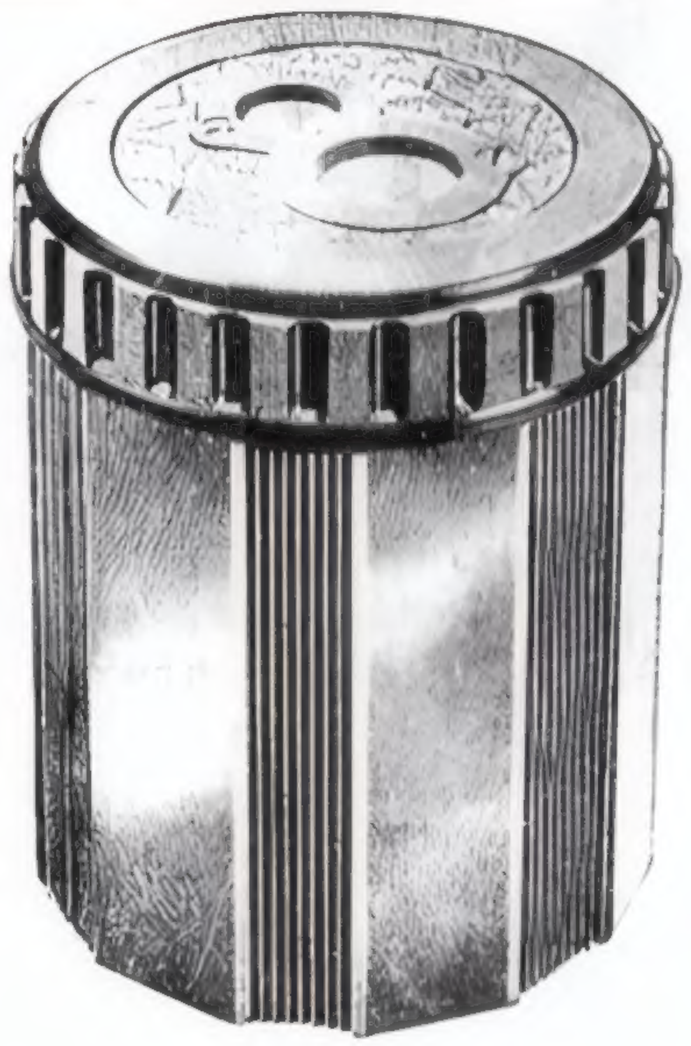
Packed in individual leather pocket case.

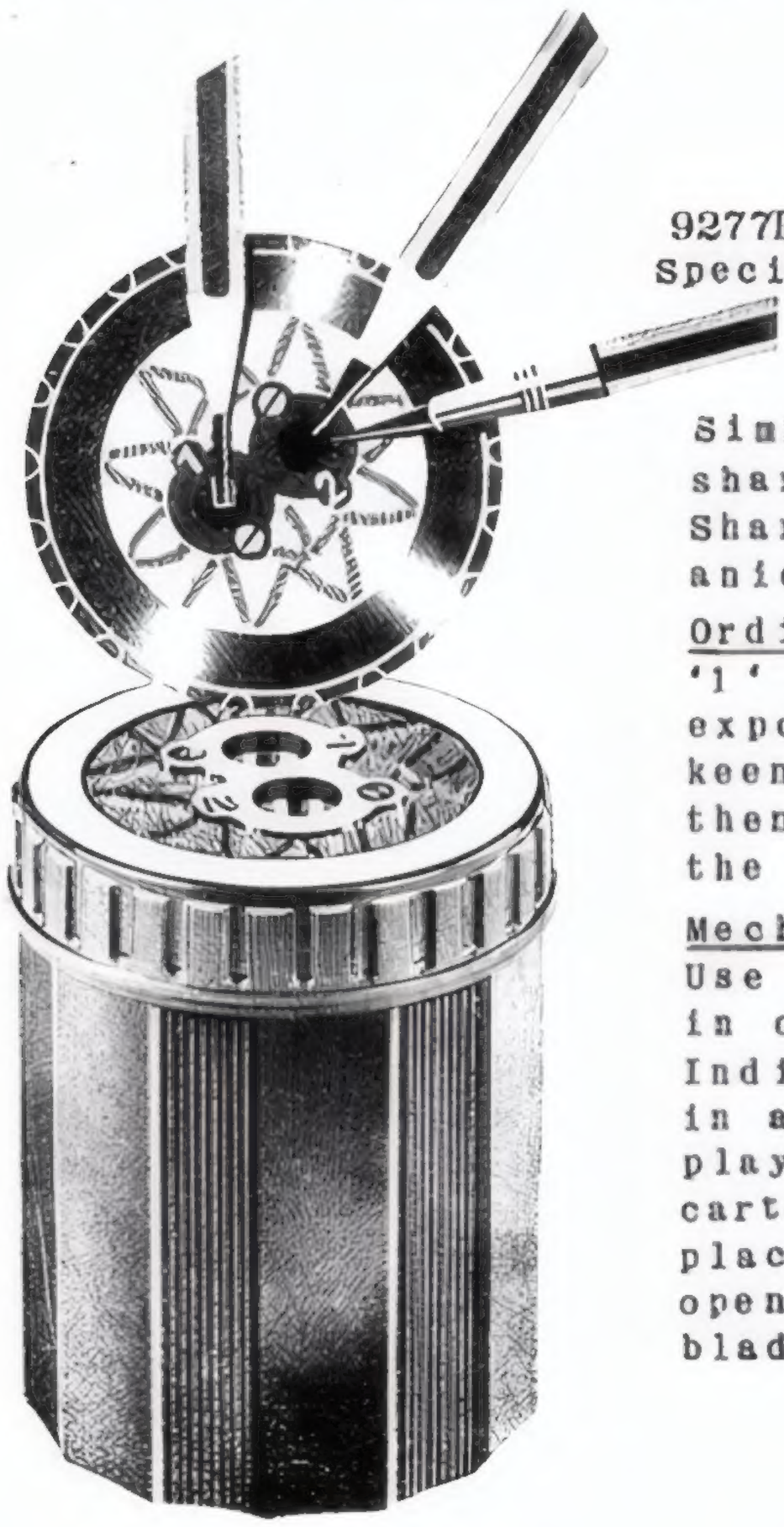
1 dozen in a display cardboard box

Use replacement blade 'L'.

9209NB

With large size spillproof receptacle for shavings and screw cap of moulded plastic in assorted colours. Dual sharpening unit of lightweight white metal. Sharpens regular thin lead pencils and thick lead coloured crayon pencils. Individually packed in colourful display box, six to a cardboard container. Use replacement blade 'N' for thin lead pencils; replacement blade 'B' for thick crayon pencils.





9277BK
Special

The new Pencil and Lead Sharpener. Similar to Dux 9209 NB but with special sharpening unit made of special alloy. Sharpens regular lead pencils and mechanical pencils:

Ordinary pencils: The blade in opening '1' shaves off the wood and exposes the lead. The extra keen blade in opening '2' then gives keen point to the lead only.

Mechanical pencils: Use only the blade in opening '2'.

Individually packed in a colourful display-box and in outer cartons of six. Use replacement blade 'B' for opening '1' replacement blade 'K' for opening '2'.

FEDRA FINE LINE LEAD HOLDER

TE.012.

Automatic lead advancement every time the button at the top of the holder is pushed. The clutch action jaws ensure non-slip of the extra-thin 1.18 leads.

DROP ACTION PENCIL

The Hellermap No. 5 is a light and nicely balanced Pencil primarily for the draughtsman, although it is also suitable for general use. Its hexagonal section slightly exceeds that of ordinary wooden pencils, providing a firm and comfortable grip which is improved by shallow grooving of the corners on the lower part of the barrel, while the aluminimum holder is finished with a highly polished anodised colour. The lead is held by a three-jaw chuck and is released by pressing on the button at the top of the pencil. Leads can be replaced or fed forward in an instant. The clutch is of an improved design which will not break or score the leads, although holding them securely and positively. A lead pointer is incorporated in the push-button; to use, remove button, insert lead in its open end and rotate.

Each Hellerman No. 5 is 5½" long and is supplied complete with a removeable pocket clip and fitted with a lead, 4¾" long, .08 (2 mm.) diameter, which is a standard size.

COLOURS : Black, Silver, Gold, Red, Blue.

FEDRA ERASER 111/15 RUBBERLESS ERASER

The Fedra 111/15 is the new sensation for Drawing Offices. The Eraser substitutes a unique vinyl material for conventional rubber stock. It soaks up graphite without peeling the surface. It rolls away the graphite in long strips without damaging tracing paper or cloth surfaces. Leaves your drawing free of "oil" stains or "ghosts".

* No trouble from rubber dust when erasing.
* Only a few particles appear when cleaning large areas.
* After erasing ink drawing can be continued immediately.
* Will not smear or smudge paper even when eraser is covered with graphite dust.
* Will not become hard or brittle.
* For tracing paper, tracing cloth, plastic film, etc., etc.

Packed in display boxes of 15 erasers per pack.

GLASS-CLEAR FOLDERS

High quality, glass-clear Folders, ideal for carrying easily and cleanly, drawings, maps, plans, etc. Made of extra-thick, hard-wearing material and open on two sides.

SIZES : CF1 — 11" x 15" CF3 — 22" x 30"
CF2 — 22" x 15" CF4 — 40" x 31"

ESMOND HELLERMAN LTD.

Hellerman House, Sunbury Trading Estate,
Windmill Road, Sunbury on Thames. Middx.

TELEPHONE: SUNBURY-ON-THAMES 4411

TRADE PRICE LIST

SEPTEMBER 1964

This Price List is issued in conjuncton with our 1953/64 Catalogue and supersedes all previous editions.

Ref. No.	Retail Price	Trade Price
Page 1. 'G' Series Instruments		
G600	8/9	5/9
G601	8/–	5/3
G672c	5/9	3/9
G603	5/9	3/9
G672e	5/9	3/9
G472c	9/–	6/–
G472e	8/9	5/9
LG672c	5/3	3/6
LG672e	5/3	3/6
LG472c	8/9	5/9
LG472e	8/3	5/6
Page 2. 'G' Series Sets		
G1	9/–	6/–
G2	11/3	7/6
G3	17/9	11/9
G1B/411	17/9	11/9
G1B/311	19/3	12/9
G1B/413	19/3	12/9
G1B/414	19/3	12/9
G2B/411	20/9	13/9
G2B/311	22/3	14/9
G2B/414	22/3	14/9
Page 3. 'G' Series Sets		
G4/411	23/3	15/6
G4/311	24/9	16/6
G4/413	24/9	16/6
G4/414	24/9	16/6
G5	29/3	19/6
G5C	32/3	21/6
G5/410	29/3	19/6
G5/310	32/3	21/6
G5P	31/6	21/–
G5PC	34/6	23/–
G6	34/6	23/–
G6C	39/–	26/–
Page 4. 'U Series Instruments		
U401	15/9	10/6
U401B	3/6	2/3
U401P	14/–	9/3
U403	9/–	6/–

Ref. No.	Retail Price	Trade Price
Page 5. 'X' Series Instruments		
X401	17/3	11/6
X401B	3/6	2/3
X401P	15/6	10/3
X403	9/9	6/6
X471N	11/3	7/6
X407	15/9	10/6
Page 6. Spring Bows		
410	6/9	4/6
411	6/9	4/6
412	6/9	4/6
310	8/3	5/6
311	8/3	5/6
312	8/3	5/6
413	7/6	5/–
414	7/6	5/–
Page 7. 'X' Series Sets		
X1B/411	28/3	18/9
X1B/311	29/9	19/9
X1B/414	29/9	19/9
X2W/413	36/9	24/6
X2W/414	36/9	24/6
X2W/411	35/3	23/6
X2W/311	36/9	24/6
X8/413	47/3	31/6
X8/414	47/3	31/6
X8/411	45/9	30/6
X8/311	47/3	31/6
XSR/413	42/6	28/3
XSR/414	42/6	28/3
XSR/411	41/–	27/3
XSR/311	42/6	28/3
Page 8. 'X' Series Pencil Sets		
XP4/414	45/–	30/–
XP4/411	43/6	29/–
XP4/311	45/–	30/–
XP8/411	40/6	27/–
XP8/311	42/–	28/–
XP8/414	42/–	28/–
X14	42/9	28/6
X14C	45/9	30/6
X14/410	42/9	28/6